PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

R. Hornung

Application No.: 10/739,886

Filed: December 17, 2003

For: WINDOW SASH FRAME WITH HINGED COMPONENTS

#### MAIL STOP MISSING PARTS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 26, 2004.

Carol Prentice

### INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §1.56, Applicant wishes to call the attention of the Examiner to the following references:

### U.S. PATENT(S):

Patent No.	Patentee	Date of Issue
309,636	Mann	Dec 23, 1884
2,504,204	Kiefer	Apr 18, 1950
2,563,378	Schnee	Aug 07, 1951
2,993,242	Leisibach	Jul 25, 1961
3,008,196	Springer et al.	Nov 14, 1961
3,030,673	London	Apr 24, 1962
3,054,153	Partsch	Sep 18, 1962
3,775,914	Patil	Dec 04, 1973
3,791,910	Bowser	Feb 12, 1974
3,872,198	Britton	Mar 18, 1975
3,919,023	Bowser et al.	Nov 11, 1975

# Application No.: 10/739,886 Page 2

3,990,196	Eddins	Nov 09, 1976
4,015,394	Kessler	Apr 05, 1977
4,055,031	Okawa et al.	Oct 25, 1977
4,109,432	Pilz	Aug 29, 1978
4,149,348	Pyzewski	Apr 17, 1979
4,207,869	Hart	Jun 17, 1980
4,368,226	Mucaria	Jan 11, 1983
4,407,105	Frank	Oct 04, 1983
4,441,290	Abell	Apr 10, 1984
4,454,703	Sitzler et al.	Jun 19, 1984
4,459,789	Ford	Jul 17, 1984
4,464,874	Shea, Jr. et al.	Aug 14, 1984
4,479,988	Dawson	Oct 30, 1984
4,552,790	Francis	Nov 12, 1985
4,564,540	Davies et al.	Jan 14, 1986
4,608,796	Shea, Jr.	Sep 02, 1986
4,652,472	Davies	Mar 24, 1987
4,753,056	Pacca	Jun 28, 1988
4,791,762	Hwang	Dec 20, 1988
4,831,799	Glover et al.	May 23, 1989
4,850,175	Berdan	Jul 25, 1989
4,873,803	Rundo	Oct 17, 1989
4,928,448	Phillip	May 29, 1990
4,994,309	Reichert et al.	Feb 19, 1991
5,061,531	Catalano	Oct 29, 1991
5,097,642	Richardson et al.	Mar 24, 1992
5,107,655	Lindgren	Apr 28, 1992
5,177,916	Misera et al.	Jan 12, 1993
5,251,417	Yates, Jr.	Oct 12, 1993
5,295,292	Leopold	Mar 22, 1994

### Application No.: 10/739,886

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5,313,761	Leopold	May 24, 1994
5,364,921	Gray et al.	Nov 15, 1994
5,437,902	Itoh et al.	Aug 01, 1995
5,494,715	Glover	Feb 27, 1996
5,544,454	Richardson et al.	Aug 13, 1996
5,568,714	Peterson	Oct 29, 1996
5,640,828	Reeves et al.	Jun 24, 1997
5,653,073	Palmer	Aug 05, 1997
5,665,823	Saxena et al.	Sep 09, 1997
5,713,159	Schmidt	Feb 03, 1998
5,940,937	Churchill et al.	Aug 24, 1999
5,950,398	Hubbard	Sep 14, 1999
6,055,783	Guhl et al.	May 02, 2000
6,209,269	Valderrama	Apr 03, 2001
6,286,288	France	Sep 11, 2001
6,314,691	Takagi et al.	Nov 13, 2001
6,401,428	Glover et al.	Jun 11, 2002
6,467,226	Dodson, et al.	Oct 22, 2002

### FOREIGN PATENT DOCUMENT(S):

Country	No.	Date of Publication
Canada	728,445	Feb 22, 1966
EPO	0 328 823	Aug 23, 1989
European	0 065 510	Nov 24, 1982
European	0 381 646	Aug 08, 1990
France	1 459 169	Apr 29, 1966
France	2 653 470	Apr 26, 1991
France	2 672 930	Aug 21, 1992
France	2,420,014	Nov 16, 1979

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France	1,079,389	Nov	29,	1954
France	60912	Feb	21,	1955
France	1429980	Jan	17,	1966
France	2501773	Sep	17,	1982
France	2518158	Jun	17,	1983
France	2612244	Sep	16,	1988
France	2624545	Jun	16,	1989
France	2648178	Dec	14,	1990
France	2708030	Jan	27,	1995
Germany	26 07 287	Aug	25,	1977
Germany	24 57 472	Jun	10,	1976
Germany	24 49 726	Apr	29,	1976
Germany	26 14 049	Oct	06,	1977
Germany	1915245	Oct	01,	1970
Germany	L 17545	Dec	27,	1956
Germany	1123457	Feb	08,	1962
Germany	2041038	Feb	25,	1971
Germany	27 23 283	Apr	12,	1979
Germany	38 25 580	Feb	01,	1990
Germany	25 27 013	Jan	02,	1976
Germany	89 01 593	Mar	23,	1989
Great Britain	234,987	Jun	11,	1925
Great Britain	949,997	Feb	19,	1964
Great Britain	1 535 173	Dec	06,	1978
Great Britain	2 077 834	Dec	23,	1981
Great Britain	2 254 358	Oct	07,	1992
Hungary	185 075	Oct	28,	1983
Hungary	219 640	Mar	28,	1996
International	98/02632	Jan	22,	1998
International	98/25001	Jun	11,	1998
International	91/08366	Jun	13,	1991
Italy	628775	Nov	28,	1961

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Soviet Union	726293	Apr	08,	1980
Switzerland	433 675	Sep	30,	1967
Switzerland	378513	Jul	31,	1964
Switzerland	340607	Oct	15,	1959
Switzerland	209284	Jun	17,	1940

Copies of the above-listed foreign references are enclosed, together with a completed form PTO-144. Where available, English language abstracts are attached to the foreign references.

Consideration of these references by the Examiner is respectfully requested. To date, a first Office Action on the merits has not been received in connection with this application. This Information Disclosure Statement is therefore believed to be timely filed.

Respectfully submitted,

Date: April 26, 2004

ATTORNEY DOCKET NO.: IND-114.1

Barry R. Lipsitz

Attorney for Applicant(s)

Registration No. 28,637

755 Main Street, Bldg. 8

Monroe, CT 06468

(203) 459-0200

FORM PTO-1449

ATTY. DOCKET NO.: IND-114.1

**SERIAL NO.:** 10/739,886

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT(S): R. Hornung

FILING DATE: December 17, 2003

GROUP:

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA	309,636	12/23/1884	Mann			
AB	2,504,204	04/18/1950	Kiefer			
AC	2,563,378	08/07/1951	Schnee			
AD	2,993,242	07/25/1961	Leisibach			
AE	3,008,196	11/14/1961	Springer et al.			
AF	3,030,673	04/24/1962	London			
AG	3,054,153	09/18/1962	Partsch			
AH	3,775,914	12/04/1973	Patil			
AI	3,791,910	02/12/1974	Bowser		·	
AJ	3,872,198	03/18/1975	Britton			
AK	3,919,023	11/11/1975	Bowser et al.			
AL	3,990,196	11/09/1976	Eddins			•
AM	4,015,394	04/05/1977	Kessler			
AN	4,055,031	10/25/1977	Okawa et al.			
AO	4,109,432	08/29/1978	Pilz			
AP	4,149,348	04/17/1979	Pyzewski			
AQ	4,207,869	06/17/1980	Hart			
AR	4,368,226	01/11/1983	Mucaria			
AS	4,407,105	10/04/1983	Frank			
AT	4,441,290	04/10/1984	Abell			
AU	4,454,703	06/19/1984	Sitzler et al.			·
AV	4,459,789	07/17/1984	Ford			
AW	4,464,874	08/14/1984	Shea, Jr. et al.			
AX	4,479,988	10/30/1984	Dawson			
AY	4,552,790	11/12/1985	Francis			
	AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX	AB 2,504,204 AC 2,563,378 AD 2,993,242 AE 3,008,196 AF 3,030,673 AG 3,054,153 AH 3,775,914 AI 3,791,910 AJ 3,872,198 AK 3,919,023 AL 3,990,196 AM 4,015,394 AN 4,055,031 AO 4,109,432 AP 4,149,348 AQ 4,207,869 AR 4,368,226 AS 4,407,105 AT 4,441,290 AU 4,454,703 AV 4,459,789 AW 4,464,874 AX 4,479,988	AB 2,504,204 04/18/1950 AC 2,563,378 08/07/1951 AD 2,993,242 07/25/1961 AE 3,008,196 11/14/1961 AF 3,030,673 04/24/1962 AG 3,054,153 09/18/1962 AH 3,775,914 12/04/1973 AI 3,791,910 02/12/1974 AJ 3,872,198 03/18/1975 AK 3,919,023 11/11/1975 AL 3,990,196 11/09/1976 AM 4,015,394 04/05/1977 AN 4,055,031 10/25/1977 AO 4,109,432 08/29/1978 AP 4,149,348 04/17/1979 AQ 4,207,869 06/17/1980 AR 4,368,226 01/11/1983 AS 4,407,105 10/04/1983 AT 4,441,290 04/10/1984 AU 4,454,703 06/19/1984 AV 4,459,789 07/17/1984 AW 4,464,874 08/14/1984 AX 4,479,988 10/30/1984	AB 2,504,204 04/18/1950 Kiefer  AC 2,563,378 08/07/1951 Schnee  AD 2,993,242 07/25/1961 Leisibach  AE 3,008,196 11/14/1961 Springer et al.  AF 3,030,673 04/24/1962 London  AG 3,054,153 09/18/1962 Partsch  AH 3,775,914 12/04/1973 Patil  AI 3,791,910 02/12/1974 Bowser  AJ 3,872,198 03/18/1975 Britton  AK 3,919,023 11/11/1975 Bowser et al.  AL 3,990,196 11/09/1976 Eddins  AM 4,015,394 04/05/1977 Kessler  AN 4,055,031 10/25/1977 Okawa et al.  AO 4,109,432 08/29/1978 Pilz  AP 4,149,348 04/17/1979 Pyzewski  AQ 4,207,869 06/17/1980 Hart  AR 4,368,226 01/11/1983 Mucaria  AS 4,407,105 10/04/1983 Frank  AT 4,441,290 04/10/1984 Abell  AU 4,454,703 06/19/1984 Sitzler et al.  AV 4,459,789 07/17/1984 Ford  AW 4,464,874 08/14/1984 Shea, Jr. et al.  AX 4,479,988 10/30/1984 Dawson	AB 2,504,204 04/18/1950 Kiefer  AC 2,563,378 08/07/1951 Schnee  AD 2,993,242 07/25/1961 Leisibach  AE 3,008,196 11/14/1961 Springer et al.  AF 3,030,673 04/24/1962 London  AG 3,054,153 09/18/1962 Partsch  AH 3,775,914 12/04/1973 Patil  AI 3,791,910 02/12/1974 Bowser  AJ 3,872,198 03/18/1975 Britton  AK 3,919,023 11/11/1975 Bowser et al.  AL 3,990,196 11/09/1976 Eddins  AM 4,015,394 04/05/1977 Kessler  AN 4,055,031 10/25/1977 Okawa et al.  AO 4,109,432 08/29/1978 Pilz  AP 4,149,348 04/17/1979 Pyzewski  AQ 4,207,869 06/17/1980 Hart  AR 4,368,226 01/11/1983 Mucaria  AS 4,407,105 10/04/1983 Frank  AT 4,441,290 04/10/1984 Abell  AU 4,454,703 06/19/1984 Sitzler et al.  AV 4,459,789 07/17/1984 Ford  AW 4,464,874 08/14/1984 Shea, Jr. et al.  AX 4,479,988 10/30/1984 Dawson  AY 4,552,790 11/12/1985 Francis	AB 2,504,204

FORM PTO-1449		ATTY. DOCKET NO.: IND-114.1		SERIAL NO.: 10/739,886			
INFORMAT	ION D	ISCLOSURE STATEMENT	BY APPLICANT	APPLICANT(S): R. Hornu	ing		
				FILING DATE: December 17, 2003 GROUP:			
			U.S. PATENT D	OCUMENTS.			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AZ	4,564,540	01/14/1986	Davies et al.			
	BA	4,608,796	09/02/1986	Shea, Jr.			
	ВВ	4,652,472	03/24/1987	Davies			
	ВС	4,753,056	06/28/1988	Pacca			
	BD	4,791,762	12/20/1988	Hwang			
	BE	4,831,799	05/23/1989	Glover et al.			
	BF	4,850,175	07/25/1989	Berdan			•
	BG	4,873,803	10/17/1989	Rundo			
	ВН	4,928,448	05/29/1990	Phillip			
	BI	4,994,309	02/19/1991	Reichert et al.			
	ВЈ	5,061,531	10/29/1991	Catalano			
	BK	5,097,642	03/24/1992	Richardson et al.		·	
	BL	5,107,655	04/28/1992	Lindgren			
	ВМ	5,177,916	01/12/1993	Misera et al.			
	BN	5,251,417	10/12/1993	Yates, Jr.			
	ВО	5,295,292	03/22/1994	Leopold			
	BP	5,313,761	05/24/1994	Leopold			
	BQ	5,364,921	11/15/1994	Gray et al.			
	BR	5,437,902	08/01/1995	Itoh et al.			
	BS	5,494,715	02/27/1996	Glover			
	вт	5,544,454	08/13/1996	Richardson et al.			
	BU	5,568,714	10/29/1996	Peterson			
	BV	5,640,828	06/24/1997	Reeves et al.			
	BW	5,653,073	08/05/1997	Palmer			
	BX	5,665,823	09/09/1997	Saxena et al.			
EXAMINER				DATE CONSIDERED			

FORM PTO-1449			ATTY. DOCKET NO.: IND-114.1		SERIAL NO.: 10/739,886			
INFORMAT	I <u>ON</u> D	ISCLOSURE STATEMENT	BY APPLICANT	APPLICANT(S): R. Hornung				
	•			FILING DATE: December 17, 2003 GROUP:				
	. %		U.S. PATENT D	OCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
··	BY	5,713,159	02/03/1998	Schmidt				
	BZ	5,940,937	08/24/1999	Churchill et al.				
	CA	5,950,398	09/14/1999	Hubbard				
	СВ	6,055,783	05/02/2000	Guhl et al.				
	СС	6,209,269	04/03/2001	Valderrama				
	CD	6,286,288	09/11/2001	France				
	CE	6,314,691	11/13/2001	Takagi et al.				
	CF	6,401,428	06/11/2002	Glover et al.				
	CG	6,467,226	10/22/2002	Dodson, et al.				
		•						
	·							
EXAMINER				DATE CONSIDERED				

#### SHEET 4 OF 5 ATTY. DOCKET NO.: IND-114.1 SERIAL NO.: FORM PTO-1449 10/739,886 INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT(S): R. Hornung **GROUP:** FILING DATE: December 17, 2003 · · FOREIGN PATENT DOCUMENTS **CLASS** SUB-TRANS-DATE **COUNTRY EXAMINER DOCUMENT CLASS LATION** INITIAL **NUMBER** YES NO 728,445 02/22/1966 Canada CH CI 08/23/1989 0 328 823 European CJ 0 065 510 11/24/1982 European CK 08/08/1990 European 0 381 646 CL 04/29/1966 France 1 459 169 CM 2 653 470 04/26/1991 France CN 2 672 930 08/21/1992 France 11/16/1979 France CO 2,420,014 **CP** 1,079,389 11/29/1954 France CQ 60912 02/21/1955 France CR 1429980 01/17/1966 France **CS** 2501773 09/17/1982 France CT06/17/1983 France 2518158 CU 09/16/1988 France 2612244 CV 2624545 06/16/1989 France CW 12/14/1990 2648178 France CX 2708030 01/27/1995 France CY 26 07 287 08/25/1977 Germany CZ24 57 472 06/10/1976 Germany 04/29/1976 DA 24 49 726 Germany DB 26 14 049 10/06/1977 Germany DC 1915245 10/01/1970

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

12/27/1956

02/08/1962

02/25/1971

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**EXAMINER** 

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Germany

**DATE CONSIDERED** 

ATTY. DOCKET NO.: IND-114.1 SERIAL NO .: FORM PTO-1449 10/739,886 INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT(S): R. Hornung **GROUP:** FILING DATE: December 17, 2003 FOREIGN PATENT DOCUMENTS CLASS SUB-**EXAMINER DOCUMENT** DATE **COUNTRY** TRANS-INITIAL NUMBER **CLASS LATION** YES NO 27 23 283 04/12/1979 DG Germany DH 38 25 580 02/01/1990 Germany DI 25 27 013 01/02/1976 Germany DJ 89 01 593 03/23/1989 Germany DK 234,987 06/11/1925 Great Britain Great Britain DL 949,997 02/19/1964 DM 12/06/1978 Great Britain 1 535 173 DN 2 077 834 12/23/1981 Great Britain 10/07/1992 Great Britain DO 2 254 358 DP 185 075 10/28/1983 Hungary DQ 219 640 03/28/1996 Hungary 01/22/1998 International DR 98/02632 International DS 98/25001 06/11/1998 DT 91/08366 06/13/1991 International DU 628775 11/28/1961 Italy DV Soviet Union 726293 04/08/1980 Switzerland DW 433 675 09/30/1967 07/31/1964 Switzerland DX 378513 10/15/1959 **Switzerland** DY 340607 Switzerland DZ 209284 06/17/1940 **EXAMINER DATE CONSIDERED**